

10/529655

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/529,655
Source: PU
Date Processed by STIC: 4/28/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 04/28/2006

PATENT APPLICATION: US/10/529,655

TIME: 09:49:11

Input Set : A:\L0461.70156WO SEQUENCE LISTING.txt

Output Set: N:\CRF4\04282006\J529655.raw

3 <110> APPLICANT: Ludwig Institute for Cancer Research, et al.
5 <120> TITLE OF INVENTION: Human Sarcoma-Associated Antigens
7 <130> FILE REFERENCE: L0461.70156WO00
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/529,655
C--> 9 <141> CURRENT FILING DATE: 2005-03-30
9 <160> NUMBER OF SEQ ID NOS: 167
11 <170> SOFTWARE: PatentIn version 3.2
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 1148
15 <212> TYPE: DNA
16 <213> ORGANISM: homo sapiens
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55 <222> LOCATION: (686)..(686)
56 <223> OTHER INFORMATION: n = a, c, g or t/u

P.6

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66 <223> OTHER INFORMATION: n = a, c, g or t/u
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75 <222> LOCATION: (707)..(707)
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80 <222> LOCATION: (720)..(720)
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116 <223> OTHER INFORMATION: n = a, c, g or t/u
118 <220> FEATURE:

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176 <223> OTHER INFORMATION: n = a, c, g or t/u
178 <220> FEATURE:
179 <221> NAME/KEY: misc_feature

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Input Set : A:\L0461.70156WO SEQUENCE LISTING.txt

Output Set: N:\CRF4\04282006\J529655.raw

180 <222> LOCATION: (913)..(913) ✓
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189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (943)..(943) ✓
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238 <220> FEATURE:
239 <221> NAME/KEY: misc_feature ✓
240 <222> LOCATION: (998)..(998)

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Input Set : A:\L0461.70156WO SEQUENCE LISTING.txt

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241 <223> OTHER INFORMATION: n = a, c, g or t/u
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245 <222> LOCATION: (1003)..(1003)
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250 <222> LOCATION: (1008)..(1009)
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300 <222> LOCATION: (1065)..(1065)
301 <223> OTHER INFORMATION: n = a, c, g or t/u

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/529,655

DATE: 04/28/2006
 TIME: 09:49:12

Input Set : A:\L0461.70156WO SEQUENCE LISTING.txt
 Output Set: N:\CRF4\04282006\J529655.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 3,195,507,614,625,634,651,686,690,693,696,707,720,758,782
 Seq#:1; N Pos. 793,798,807,819,822,828,831,837,841,843,844,856,857,867,880
 Seq#:1; N Pos. 886,892,893,897,908,913,925,943,949,953,957,958,962,963,968
 Seq#:1; N Pos. 971,983,985,986,987,988,994,995,998,1003,1008,1009,1012,1013
 Seq#:1; N Pos. 1020,1021,1029,1033,1035,1036,1043,1050,1051,1052,1057,1062
 Seq#:1; N Pos. 1065,1069,1071,1074,1077,1083,1086,1090,1092,1094,1096,1099
 Seq#:1; N Pos. 1102,1107,1113,1115,1136,1137,1139,1142,1143,1144
 Seq#:2; N Pos. 10,239,863,900,912
 Seq#:3; N Pos. 9,677,775,785,807,847,858,879
 Seq#:4; N Pos. 654,693,698,784,803,813,842,867
 Seq#:5; N Pos. 754,772,783,799,873,874,875,898,918,920
 Seq#:6; N Pos. 11,640,672,715,724,768,782,795,800,813,818,820,827,829,840
 Seq#:6; N Pos. 846,849,852,862,873,875,887,889,903,909,913,928
 Seq#:7; N Pos. 1,792,799,820,856,872,875,886,899,904,906,922,926,927,935
 Seq#:8; N Pos. 4,741,796,823,842,857,869,873,898,911,915,916
 Seq#:9; N Pos. 4,584,626,723,751,756,775,784,796,833,844,870,884,894,903
 Seq#:11; N Pos. 4,204,752,754,756,757,758,759,761,765,770,773,774,775,777
 Seq#:11; N Pos. 778,779,781,802,812,829,833,849,866,873,879,880,886,901
 Seq#:12; N Pos. 4,745,784
 Seq#:13; N Pos. 4,742,808,822,842,858,895,912,918,920
 Seq#:14; N Pos. 836,892
 Seq#:27; N Pos. 2741
 Seq#:46; Xaa Pos. 65,101,105,108,113,125,126,127,128,132,136
 Seq#:47; Xaa Pos. 6
 Seq#:48; Xaa Pos. 186,219,222,230,243,247,254
 Seq#:49; Xaa Pos. 144,157,159,188,194,197
 Seq#:50; Xaa Pos. 136,142,146,151
 Seq#:51; Xaa Pos. 143,153
 Seq#:54; Xaa Pos. 132,146
 Seq#:56; Xaa Pos. 42,225,226,227,228,229,231,232,233,234
 Seq#:57; Xaa Pos. 226,239
 Seq#:72; Xaa Pos. 910
 Seq#:97; N Pos. 727,729,868
 Seq#:98; N Pos. 695,731,740,798,807,809,844,852,857,876,878
 Seq#:101; N Pos. 797
 Seq#:102; N Pos. 881
 Seq#:103; N Pos. 636,646,689
 Seq#:104; N Pos. 141,640,641
 Seq#:105; N Pos. 687,750,807,810,826,827,849,870,874,882,889,909
 Seq#:106; N Pos. 678,728,860,865,867,874,876,882,908
 Seq#:107; N Pos. 705,765,818,831,844,865,875,893,906,908,910,918
 Seq#:109; Xaa Pos. 242,243,289
 Seq#:113; Xaa Pos. 266

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Input Set : A:\L0461.70156WO SEQUENCE LISTING.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
 L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
 L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
 M:341 Repeated in SeqNo=1
 L:465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
 M:341 Repeated in SeqNo=2
 L:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
 M:341 Repeated in SeqNo=3
 L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:600
 M:341 Repeated in SeqNo=4
 L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720
 M:341 Repeated in SeqNo=5
 L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
 M:341 Repeated in SeqNo=6
 L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
 M:341 Repeated in SeqNo=7
 L:1069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
 M:341 Repeated in SeqNo=8
 L:1182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
 M:341 Repeated in SeqNo=9
 L:1367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
 M:341 Repeated in SeqNo=11
 L:1420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
 M:341 Repeated in SeqNo=12
 L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
 M:341 Repeated in SeqNo=13
 L:1582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:780
 M:341 Repeated in SeqNo=14
 L:2837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:2700
 L:4396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:64
 M:341 Repeated in SeqNo=46
 L:4426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
 L:4540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:176
 M:341 Repeated in SeqNo=48
 L:4616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:128
 M:341 Repeated in SeqNo=49
 L:4682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:128
 M:341 Repeated in SeqNo=50
 L:4732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:128
 M:341 Repeated in SeqNo=51
 L:4841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:128
 M:341 Repeated in SeqNo=54
 L:4933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:32
 M:341 Repeated in SeqNo=56
 L:5031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:224
 L:6905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:896
 L:8669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:720
 M:341 Repeated in SeqNo=97

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L:8758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:660

M:341 Repeated in SeqNo=98

L:8867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:780

L:8912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:840